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The central topic is the study of functions, with graphical illustrations used freely. The elementary notions of calculus are introduced at the start and are used in the study of functions, giving the student a knowledge of the fundamental ideas of the derivative and the integral.

The book contains a brief chapter on statistical methods. Since these methods are being used more and more in many fields, the general college student should find this treatment of the topic helpful and valuable.

A new supplement to the Hillegas scale.—The feeling that perhaps the most valuable turn that can be given to the testing movement just at this time may be the improvement of existing tests by means of revisions and supplements is finding frequent expression in the test materials being presented. One such contribution¹ which will appear as the "Virginia Supplement to the Hillegas Scale" is the outgrowth of the Virginia School Survey. It is made up of compositions written by first-year high-school pupils of the state in May, 1919. The compositions from which the scale is selected were scored on the "Nassau County Supplement of the Hillegas Scale." The new scale is presented in pamphlet form, the booklet containing, in addition, a discussion of the purposes and methods of use of the scale and a number of samples for practice in scoring.

High-school statistics.—The administrative and financial problems arising from the maintenance of a free system of secondary schools in all the states are fast becoming so acute that any authentic figures with reference to conditions and tendencies in public high schools will be eagerly scanned by all who are sensitive to the present situation. One section² of the Biennial Survey of Education is devoted to a study of high schools and is published separately. The report describes the type and size of the schools considered, records the number of students, the percentage of the total population attending high schools, the amount of schooling provided, and various items of expense. A total of 13,951 high schools are included in this year's report, a gain of 1,948 over the number reported the previous year. Attention is called to the fact that the number of secondary schools being maintained at public expense is increasing so rapidly that one high school has been established on the average each day since 1890. It is further noted that the proportion of all moneys spent for permanent outlay which is devoted to high schools has increased from 27.7 per cent in 1910 to 33.4 per cent in 1918. As compared with elementary-school pupils, it costs 2.67 times as much to keep a high-school pupil in school for a year and 5.5 times as much to provide the necessary buildings and equipment. The report will be read with

¹ EARL HUDELSON, *Hudelson English Composition Scale*. Yonkers-on-Hudson, New York: World Book Co., 1921. Pp. vii+46.

² "Statistics of Public High Schools, 1917-18," *Bureau of Education Bulletin No. 19*, 1920. Washington: Department of the Interior. Pp. 192. \$0.25.